IN THE CLAIMS:

These claims will replace all prior versions of claims in the present application.

Listing of Claims:

1. (Currently Amended) A throttle v~~V~~alve adjusting device~~, in particular a throttle valve adjusting device~~ for combustion engines, comprising:~~with~~

a valve housing;~~ that features~~

a valve connected to a valve shaft, via which the valve is pivoted in the valve housing at least on one side;~~,~~ and~~ with~~

a drive unit comprising~~that features~~

i. at least one electric motor and a reduction gear operably connected to drive the valve; and

ii. a sensor for reporting a~~the~~ position of ~~the~~ valve adjustment of the valve, wherein~~whereby~~ at least the reduction gear is arranged in a first housing that comprises~~features~~ a contact plate fixed to the valve housing and a cover closing the first housing, wherein~~characterized in that~~ the electric motor ~~(7)~~ is arranged outside the first housing ~~(9)~~ and the valve housing ~~(2)~~, wherein~~whereby~~ the electric motor ~~(7)~~ is ~~embodied~~ open on one side and over a pole tube, ~~(16)~~ and the pole tube has a~~whose~~ first open end ~~(17)~~ placed on a drive shaft ~~(14)~~ of the electric motor, ~~(7)~~ and the first open end is plugged on an annular shoulder ~~(20)~~ of the contact plate ~~(10)~~ running axially~~, by means of which its~~ so as to close the first open end ~~(17) can be closed~~, and the pole tube has a~~whose~~ second~~,~~ closed end ~~(18) is~~ arranged at least indirectly in a bearing block ~~(26)~~ of the valve housing ~~(2)~~, wherein~~whereby~~ the drive shaft ~~(14)~~ of the electric motor ~~(7)~~ is supported on ~~the~~ one side in the contact plate ~~(10)~~ and on

anthe other side in a bearing position (19) at the second closed end (18) of the pole tube (16), and wherein whereby the pole tube (16) simultaneously serves as a secondthe housing of the electric motor (7).

2. (Currently Amended) A throttle vValve adjusting device according to Claim 1, whereincharacterized in that the essentially axially running annular shoulder (20) of the contact plate (10) is embodied in the form of segments and runs essentially axially.

3. (Currently Amended) A throttle vValve adjusting device according to Claim 1 or 2, whereincharacterized in that the magnets are fixed in the pole tube (16) by means of an axially arranged spring element (21) that presses the magnets in a tangential direction against at least one projection (22) on anthe inner wall of the pole tube (16), and the pole tube comprises(16) features, at least on athe side facing the valve housing (2), a flat spot (23) running in the axial direction.

4. (Currently Amended) A throttle vValve adjusting device according to one of the previous Claims 1, whereincharacterized in that brush springs (13) of the electric motor (7), connected to a collector (12), are fixed on the contact plate (10) of the throttle valve adjusting device (1) by either frictional or positive engagement connections for the contacting.

5. (Currently Amended) A throttle vValve adjusting device according to one of the previous Claims 1, whereincharacterized in that the contact plate comprises(10) features an attachment flange (41) to fix a plug (36) to the electrical contacting,

wherein~~whereby~~ the connecting pins ~~(38)~~ of the ~~respective~~ plug ~~(36)~~ are injected or locked in.

6. (Currently Amended) A throttle v~~V~~alve adjusting device according to ~~one of the previous~~ Claims 1, wherein~~characterized in that~~ the reduction gear comprises~~(8) features~~

i. a drive gear ~~(28)~~ arranged on the drive shaft ~~(14)~~ of the electric motor ~~(7)~~ so that the drive gear~~it~~ is at least torsionally rigid;~~,~~

ii. a gear center wheel ~~(29)~~ in the form of a double gear wheel that is supported on a gear center wheel axle (30); and ~~features~~

a driven gear ~~(32)~~ arranged on the valve shaft ~~(4)~~ so that the driven gear~~it~~ is at least torsionally rigid, wherein~~whereby~~ the gear center wheel axle ~~(30)~~ is fixed to the valve housing ~~(2)~~ and extends into the first housing ~~(9)~~ of the reduction gear ~~(8)~~ through a hole ~~(31)~~ in the contact plate ~~(10)~~.

7. (Currently Amended) A throttle v~~V~~alve adjusting device according to ~~one of the previous~~ Claims 1, wherein~~characterized in that~~ the valve housing ~~(2)~~ is made of light metal or plastic.

8. (Currently Amended) A throttle v~~V~~alve adjusting device according to ~~one of the previous~~ Claims 1, wherein~~characterized in that~~ the contact plate ~~(10)~~ is made of a nonconductive plastic.

9. (Currently Amended) A throttle v~~V~~alve adjusting device according to ~~one of the previous~~ Claims 1, wherein~~characterized in that~~ the sensor is ~~embodied as~~ a

potentiometer~~, which is~~ arranged in the first housing ~~(9)~~ and has~~whose~~ arm tracks ~~are~~ printed directly onto the contact plate ~~(10)~~ or a printed circuit board ~~(34)~~.

10. (Currently Amended) A throttle v~~V~~alve adjusting device according to ~~one of the previous~~ Claims 1, where in~~characterized in that the~~ electrical conducting tracks ~~(37)~~ are arranged in the first housing ~~(9)~~ and printed or sprayed or injected onto the contact plate ~~(10)~~.

11. (Currently Amended) A throttle v~~V~~alve adjusting device according to ~~one of~~ Claims ~~1 to 9~~, where in~~characterized in that the~~ electrical conducting tracks comprising ~~(37) are embodied as~~ stampings~~, which~~ are arranged bare in the first housing ~~(9)~~ of the reduction gear ~~(8)~~.

12. (Currently Amended) A throttle v~~V~~alve adjusting device according to ~~one of the previous~~ Claims 1, where in~~characterized in that~~ the electric motor ~~(7)~~ is fixed, via screws or projections disposed at the second closed end of the pole tube, to the bearing block ~~(26)~~ so that the electric motor~~it~~ is torsionally rigid~~, via screws (27) or projections embodied at the closed end (18) of the pole tube (16), which projections engage in a corresponding recess of the bearing block (26)~~.

13. (Currently Amended) A throttle v~~V~~alve adjusting device according to ~~one of~~ Claims ~~31 to 11~~, where in~~characterized in that the~~ torsional strength of the pole tube ~~(16)~~ is produced by~~via~~ the axially running shoulder ~~(20)~~ of the contact plate since ~~(10), in that~~ the flat spot ~~(23)~~ of the pole tube ~~(16)~~ engages in a corresponding flat spot of the otherwise annular shoulder ~~(20)~~.

14. (Currently Amended) A throttle v~~V~~alve adjusting device according to ~~one of~~ Claims ~~1 to 11~~ 1, wherein~~characterized in that the~~ torsional strength of the pole tube ~~(16)~~ is produced by ~~means of~~ a screw connection between the pole tube ~~(16)~~ and the contact plate ~~(10)~~.

15. (NEW) A throttle valve adjusting device according to Claim 2, wherein magnets are fixed in the pole tube by an axially arranged spring element that presses the magnets in a tangential direction against at least one projection on an inner wall of the pole tube, and the pole tube comprises, at least on a side facing the valve housing, a flat spot running in the axial direction.

16. (NEW) A throttle valve adjusting device according to Claim 1, wherein the electric motor is fixed, via projections disposed at the second closed end of the pole tube, to the bearing block so that the electric motor is torsionally rigid and the projections engage in a corresponding recess of the bearing block.